BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Improvements & Construction of Culverts in Bagalagunte Ward No 14

Sl	Description of Item	Unit	No	L	B	D	Est. Cost Rs 10.00 Lakhs Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & IWTD -SR 2016-17)								
		Cum		11	5.70	2.00	1.00	125.40		
	Basic Rate	82.00						125.40	86.92	10900.00
	Add Area Weightage 6%	4.92								
	Total	86.92								
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2016-17)								
		Cum		11	5.70	2.00	0.15	18.81		
	Basic Rate	4867.00						18.81	5159.02	97041.00
	Add Area Weightage 6%	292.02								
	Total	5159.02								
3	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications, Specification NO KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17								
		Sqm	4	11	5.70	1.00		250.80		
			1	11	5.70	1.20		75.24		
	Basic Rate	293.00						326.04	310.58	101262.00
	Add Area Weightage 6%	17.58								
	Total	310.58								

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4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M1:2:4 with cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2016-17)									
	Side Wall	Cum	1	11	5.70	1.20	0.30	22.57		
	Bottom Slab		1	11	5.70	2.00	0.15	18.81		
	Approch Slab		2	11	5.60	1.00	0.20	24.64		
	Basic Rate	5441.00						66.02	5767.46	380779.00
	Add Area Weightage 6%	326.46								
	Total	5767.46								
5	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.225 - I. no.28.8.2]									
	For Bottom & Sides	Tonnes		66		80.00		5281.76		
	Basic Rate	62719.00					Say	5.28	66482.14	351143.00
	Add Area Weightage 6%	3763.14								
	TOTAL	66482.14								
6	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 150 Item No. 17.1 PWD SR 2016-17									
		Cum		Qty Vide Item No. 1				125.40	85.65	10740.00
	Loading and Unloading Charges	68.00								
	Lead 4 KMs 2x1.28x4	12.80								
		80.80								
	Add Area Weightage 6%	4.85								
	Total	85.65								
								Sub Total		951865

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